

EXHIBIT 22

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: McDaniel, et al.

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GROUP ART UNIT: 1814

SERIAL NO.: 08/252,384

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EXAMINER: C. Low

FILED:

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June 1, 1994

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FOR:

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Recombinant
Organophosphorus
Acid Anhydrase and Methods
of Use

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**POWER OF ATTORNEY BY ASSIGNEE OF UNDIVIDED INTEREST
(REVOCATION OF PRIOR POWERS)**

Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Att'y Docket No.: TXTox, Inc.
August 11, 1995

Sir:

As assignee of record of an undivided interest of the above identified application, all powers of attorney by him previously given are hereby revoked and the following attorney(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

C. Steven McDaniel 33,962

of the law firm of:

Conley, Rose & Tayon, P.C.
P.O. Box 3267
Houston, Texas 77253-3267

Please send all correspondence and direct all telephone calls to:

C. Steven McDaniel
Conley, Rose & Tayon, P.C.
P.O. Box 3267
Houston, Texas 77253-3267
(713) 238-8010

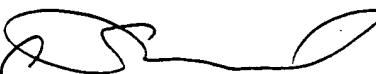
Recorded in PTO on _____

Recorded herewith

ASSIGNEE CERTIFICATION

Attached to this Power is a "CERTIFICATE UNDER 37 CFR 3.73(b)".

Date: 8- 11- 95

By: 

Typed Name: C. Steven McDaniel

Title: _____

Certificate Under 37 CFR 3.73(b)

Applicant: McDaniel, et al.

Application No.: 08/252,384 Filed: June 1, 1994

For: Recombinant Organophosphorus Acid Anhydride and Methods of Use

C. Steven McDaniel, an Individual

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 6828, Frame 0749.

OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: C. Steven McDaniel To: The Texas A&M University System
The document was recorded in the Patent and Trademark Office at Reel 5082,
Frame 274, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____,
Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____,
Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

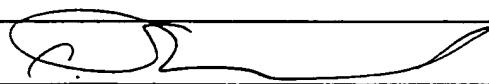
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 8-11-95

Name: C. Steven McDaniel

Title: _____

Signature: 

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

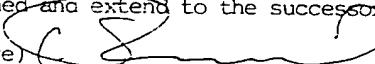
SELL, ASSIGN AND TRANSFER to The Texas A&M University System (the "Assignee"), a Texas State Agency having a place of business at College Station, Texas the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled RECOMBINANT ORGANOPHOSPHORUS ACID ANHYDRASE AND METHODS OF USE, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned, subject to any rights of the Federal Government pursuant to 35 U.S.C. 202 and contracts 21288LS and DAAL03-87-K-0017;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

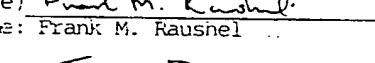
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) 
Name: C. Steven McDaniel

Date 4-25-89

(Signature) 
Name: Frank M. Raushel

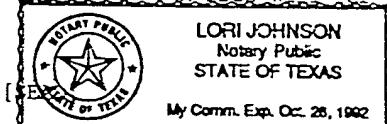
Date 4-26-89

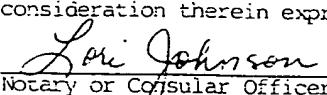
(Signature) 
Name: James R. Wild

Date 4-26-89

STATE OF TEXAS)
COUNTY OF HARRIS) ss.

BEFORE ME, the undersigned authority, on this 25th day of April, 1989, personally appeared C. Steven McDaniel, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

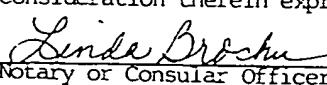



Lori Johnson
Notary or Consular Officer

STATE OF TEXAS)
COUNTY OF Brazos) ss.

BEFORE ME, the undersigned authority, on this 26th day of April, 1989, personally appeared Frank M. Raushel, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]


Linda Brochu
Notary or Consular Officer

Linda Brochu

Best Available Copy

STATE OF TEXAS)
COUNTY OF Brazos) ss.

BEFORE ME, the undersigned authority, on this 26 day of April, 1989, personally appeared James R. Wild, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Linda Brochu
Notary or Consular Officer
Linda Brochu

[SEAL]

ARNOLD, WHITE & DURKEE

P. O. Box 4433
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2001 Jefferson Davis Highway, Suite 808
Arlington, Virginia 22202

TAMK:112/C1 Sole/Joint, Concurrent with Application

RECORDED
INVENTOR'S PATENT OFFICE

APR 27 89

A. J. Zapp

COMMISSIONER OF PATENTS
U. S. PATENT OFFICE

WIL 5082 (REV 2/75)